## CSO SHEET 1

		Daily Com	WPCF RAINFALL	CSO INFLUENT FLOW	CSO PUMPBACK TO WWTF	CSO BYPASS TO RIVER	CSO TREATED TO RIVER	CSO EVENT DURATION	South Street CSO #9 Flow	CSO #9 FLOW DURATION	CSO #9 % SEC TREATED
		T š	INCHES	MGD	MGD	MGD	MGD	Hours	MGD	Hours	%
	1 Thu		0.10	0.000	0.000	0.000	0.00	0.0	0.000	0.00	
	2 Fri		0.00	0.000	0.000	0.000	0.00	0.0	0.000	0.00	the major I (an printing angles registrer and pass. After 8, 8 and
Feb	3 Sat		0.00	0.000	0.000	0.000	0.00	0.0	0.000	0.00	
	4 Sun	14	0.94	3.700	0.000	0.000	2.90	2.8	3.660	6.50	
	5 Mon		0.00	4.800	0.482	0.000	4.00	0.5	4.350	0.80	
	6 Tue		0.00	0.000	0.433	0.000	0.00	0.0	0.000	0.00	1 P 10 1 100 1100 11 1 1000 1100 1 1 1 1
	7 Wed		0.54	0.000	0.053	0.000	0.00	0.0	0.000	0.00	The state of the s
	8 Thu		0.00	0.000	0.000	0.000	0.00	0.0	0.000	0.00	1
	9 Fri		0.00	0.000	0.000	0.000	0.00	0.0	0.000	0.00	Ber 1911 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	10 Sat		0.57	2.100	0.000	0.000	1.30	1.2	2.060	2.50	
	11 Sun		0.94	13.018	0.000	0.000	12.22	7.3	12.690	8.50	Margary 1 (all cop) for the control of the copy of the
	12 Mon	701	0.00	0.000	0.240	0.000	0.00	0.0	0.000	0.00	
	13 Tue		0.00	0.000	0.479	0.000	0.00	0.0	0.000	0.00	
	14 Wed		0.01	0.000	0.400	0.000	0.00	0.0	0.000	0.00	
	15 Thu		0.06	0.000	0.000	0.000	0.00	0.0	0.000	0.00	for any second s
	16 Fri	100	0.00	0.000	0.000	0.000	0.00	0.0	0.000	0.00	I
	17 Sat		0.25	0.000	0.000	0.000	0.00	0.0	0.000	0.00	Harmon Control of the
	18 Sun		0.00	0.000	0.000	0.000	0.00	0.0	0.000	0.00	
	19 Mon	W.	0.49	0.000	0.000	0.000	0.00	0.0	0.000	0.00	on before can while the symmetric district.
	20 Tue		0.01	0.000	0.000	0.000	0.00	0.0	0.000	0.00	
	21 Wed	36	0.00	0.000	0.089	0.000	0.00	0.0	0.000	0.00	
	22 Thu		0.10	0.000	0.000	0.000	0.00	0.0	0.000	0.00	The second section of the sect
	23 Fri	, A	0.52	0.000	0.000	0.000	0.00	0.0	0.120	0.90	and a second sec
	24 Sat		0.25	0.000	0.076	0.000	0.00	0.0	0.000	0.00	Single and a series of the series of the series and a series are a series and a ser
	25 Sun		0.50	0.565	0.000	0.000	0.00	0.0	0.550	1.80	and the second second as a second of the sec
	26 Mon		0.00	0.000	0.400	0.000	0.00	0.0	0.000	0.00	
	27 Tue		0.00	0.000	0.305	0.000	0.00	0.0	0.000	0.00	
	28 Wed		0.01	0.000	0.018	0.000	0.00	0.0	0.000	0.00	12.70
	MINIMUM		0.00	0.000	0.000	0.000	0.00	0.0	0.000	0.00	12.70
٨	MAXIMUM		0.94	13.018	0.482	0.000	12.22	7.3	12.690	8.50	12.70
1	AVERAGE		0.19	0.864	0.106	0.000	0.73	0.4	0.837	0.75	12.70
	SUM		5.29	24.183	2.975	0.000	20.42	11.8	23.430	21.00	12.70
G	SEOMEAN		0.38	1.222	0.513	1.000	1.20	1.1	1.126	1.20	12.70

## Holyoke MA - Berkshire Street CSO Treatment Facility, CSO #09 Sample Results of Treated Flow to River (Flow "A")

## Feb-18

Monthly Samples:							358881111588888881113888888111
One Event /month   One Event /month   One Event /month   One Grab/M	l ' '	e-Coli		1 1		PH	
Date of Sample   Hourly samples   One every 4 hours   One every 4 hours   Sample   (colonies/100ml)   (mg/l)   (mg/l)   (mg/l)		One Event /month			One	Grab/M	
Sample   (colonies/100ml)   (mg/l)   (mg/l)   (mg/l)	Date of				Olle	GIAD/IVI	
2/4/2018   9:10pm to 10:10pm							
9:10pm to 10:10pm	Sample	(Colonies/Toomi)	(1119/1)	(mg/i)			
9:10pm to 10:10pm	2/4/2018						
10:10pm to 11:10pm			4.10mg/l	12mg/l		7.80	
11:10pm to 12:10am   3.00mg/l   .19mg/l   7.80							
2/10/2018							
3.90mg/l   .09mg/l   .7.60	THE PART OF THE CALL		0.001119/1	, ronig/i		7.00	1988
3.90mg/l   .09mg/l   .7.60	2/10/2018						
2/11/2018   156/100ml   4.70mg/l   .14mg/l   7.90   11:30am to 12:30pm   0/100ml   2.30mg/l   .07mg/l   7.90   12:30pm to 1:30pm   0/100ml   1.70mg/l   .14mg/l   7.90   1:30pm to 2:30pm   404/100ml   2.90mg/l   .16mg/l   7.80   2:30pm to 3:30pm   2.90mg/l   .20mg/l   7.90   3:30pm to 4:30pm   1.10mg/l   .11mg/l   7.80   4:30pm to 5:30pm   1.50mg/l   .15mg/l   7.90   4:30pm to 5:30pm   1.50mg/l   .15mg/l   7.90   1.50mg/l   7.50mg/l			3.90mg/l	.09mg/l		7.60	
10:30am to 11:30am   156/100ml   4.70mg/l   .14mg/l   7.90   11:30am to 12:30pm   0/100ml   2.30mg/l   .07mg/l   7.90   12:30pm to 1:30pm   0/100ml   1.70mg/l   .14mg/l   7.90   1:30pm to 2:30pm   404/100ml   2.90mg/l   .16mg/l   7.80   12:30pm to 3:30pm   2.90mg/l   .20mg/l   7.90   1.30pm to 4:30pm   1.10mg/l   .11mg/l   7.80   1.430pm to 5:30pm   1.50mg/l   .15mg/l   7.90   1.50mg/l   .15mg/l   7.90   1.50mg/l   1.50mg/l   7.90   1.50mg/l   7.50mg/l   7.90   1.50mg/l   7.90   1.50mg/l   7.90   1.50mg/l   7.50mg/l   7.50mg/l							
11:30am to 12:30pm	2/11/2018						
11:30am to 12:30pm	10:30am to 11:30am	156/100ml	4.70mg/l	.14mg/l		7.90	
12:30pm to 1:30pm	11:30am to 12:30pm	0/100ml					
1:30pm to 2:30pm							38(4) 222
2:30pm to 3:30pm   2.90mg/l   .20mg/l   7.90   3:30pm to 4:30pm   1.10mg/l   .11mg/l   7.80   4:30pm to 5:30pm   1.50mg/l   .15mg/l   7.90							
3:30pm to 4:30pm							
1.50mg/l   1.50mg/l   7.90						7.80	
Monthly Average						7.90	
Monthly Average         140/100ml         2.69mg/l         .14mg/l         max         7.90           Geometric Mean (E-Coli)         16/100ml         LC 50 Toxicity Composite         Image: Composite composite         Image: Composite composite composite         Image: Composite composite composite composite         Image: Composite co							
Monthly Average         140/100ml         2.69mg/l         .14mg/l         max         7.90           Geometric Mean (E-Coli)         16/100ml         LC 50 Toxicity Composite         Image: Composite composite         Image: Composite composite composite         Image: Composite composite composite composite         Image: Composite co							
Monthly Average         140/100ml         2.69mg/l         .14mg/l         max         7.90           Geometric Mean (E-Coli)         16/100ml         LC 50 Toxicity Composite         Image: Composite composite         Image: Composite composite composite         Image: Composite composite composite composite         Image: Composite co							
Monthly Average         140/100ml         2.69mg/l         .14mg/l					min	7.50	
Geometric Mean (E-Coli)  Samples/  6 Months Date of Sample-  Composite  LC 50 Toxicity Composite  Nitrite Notrite NO2 (as N) NO3 (as N) N) (as N) N) (as N) Toxicity Composite C					max	7.90	
Camposite   Composite   Comp		140/100ml					
Samples/ 6 Months Date of Sample-  TSS Ammonia Nitrate Nitrite NO2 (as NO2 (as N) NO3 (as N) N) (as N) Toxicity Composite (mg/l) (mg/l) (mg/l) (mg/l) (mg/l) (mg/l) (mg/l)			LC	site			
6 Months Solids (TSS) Nitrogen (as N) NO3 (as N) NO4 (as N) Toxicity  Date of Composite (mg/l) (mg/l) (mg/l) (mg/l) (mg/l) (mg/l)	(E-Coli)	16/100ml			L,,,,_,		الـــاراك.
6 MonthsSolids (TSS)Nitrogen (as N)NO3 (as N)N)(as N)ToxicityDate ofCompositeCompositeCompositeCompositeCompositeCompositeCompositeCompositeSample-(mg/l)(mg/l)(mg/l)(mg/l)(mg/l)	Samples/	TSS	Ammonia	Nitrate		TKN	LC 50
Sample- (mg/l) (mg/l) (mg/l) (mg/l) (mg/l)	6 Months	Solids (TSS)	Nitrogen (as N)	NO3 (as N)		(as N)	Toxicity
Sample- (mg/l) (mg/l) (mg/l) (mg/l) (mg/l)	Date of	Composite	Composite	Composite	Composite	Composite	Composite
		(mg/l)			·		
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